



MEMORANDUM



Anna Martin
3-10-17

To: Traffic Study Files

From: Anna Martin, P.E., PTOE, South Austin Engineer
Traffic Engineering Division
Austin Transportation Department

Date: March 9, 2017

Subject: SPEED ZONE INVESTIGATION

Location: Metlink Drive – Metro Center Drive to Metropolis Drive

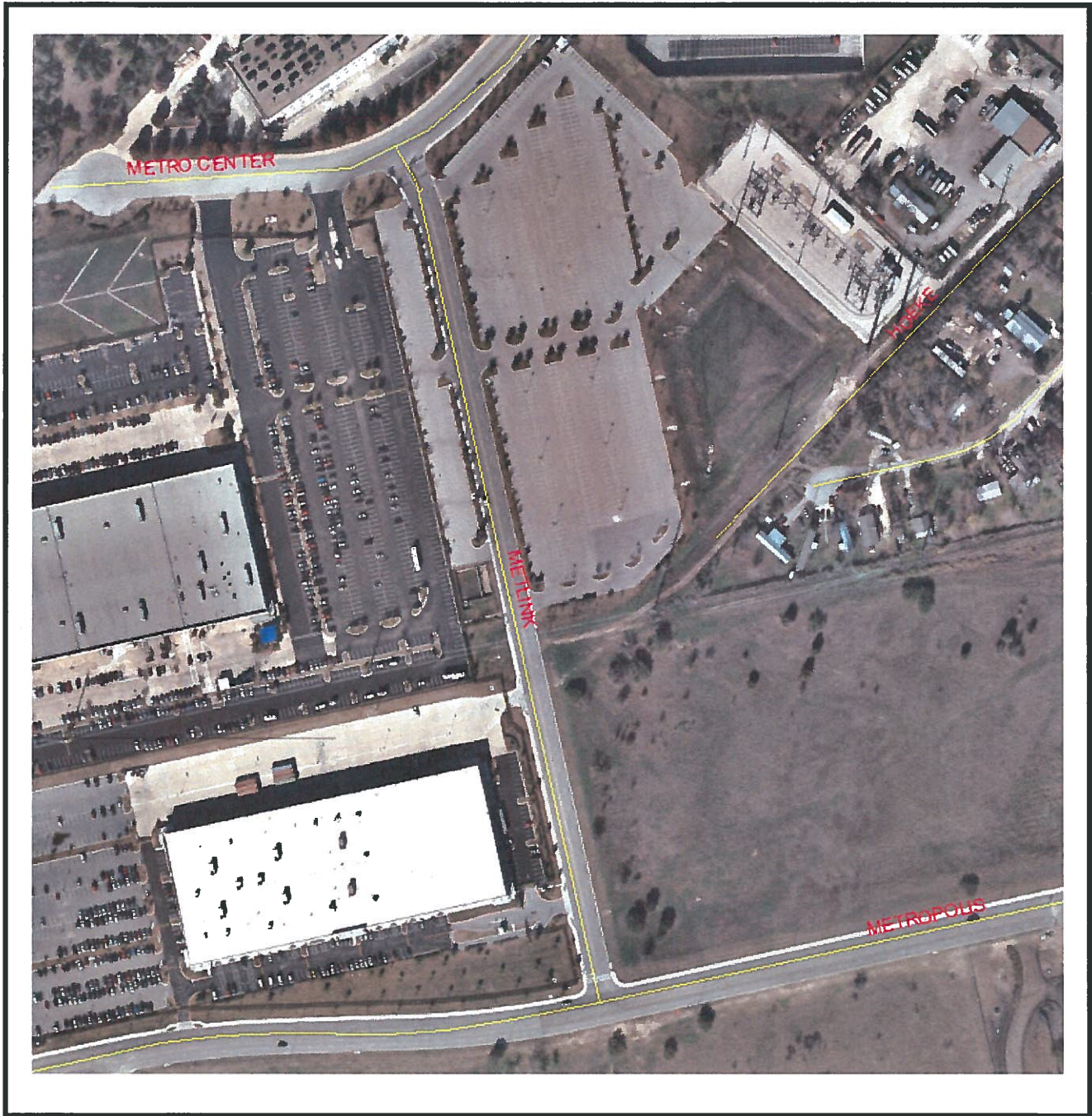
Date(s) of Previous Investigation: None

A Traffic Engineering Investigation has been conducted by the Traffic Engineering Division to determine the appropriate speed limit on Metlink Drive from Metro Center Drive to Metropolis Drive. Figure 1 represents a map of the study area. A speed limit had not been established by an engineering study, therefore the prima facie speed limit is 30 miles per hour (mph).

Location Conditions:

Metlink Drive is a four-lane roadway that generally runs in a north-south direction between Metro Center Drive and Metropolis Drive. Metlink Drive primarily services an office park with parking lots and seven driveways that have access to Metlink Drive.

Figure 1



Speed and Volume Data

A speed study was conducted in accordance with the Texas Procedures for Establishing Speed Zones. Speed and volume data were collected in January 2017 to determine the appropriate posted speed limit for Metlink Drive. In 2017, an average of over 2,300 vehicles per day were recorded on Metlink Drive from Metro Center Drive to Metropolis Drive.

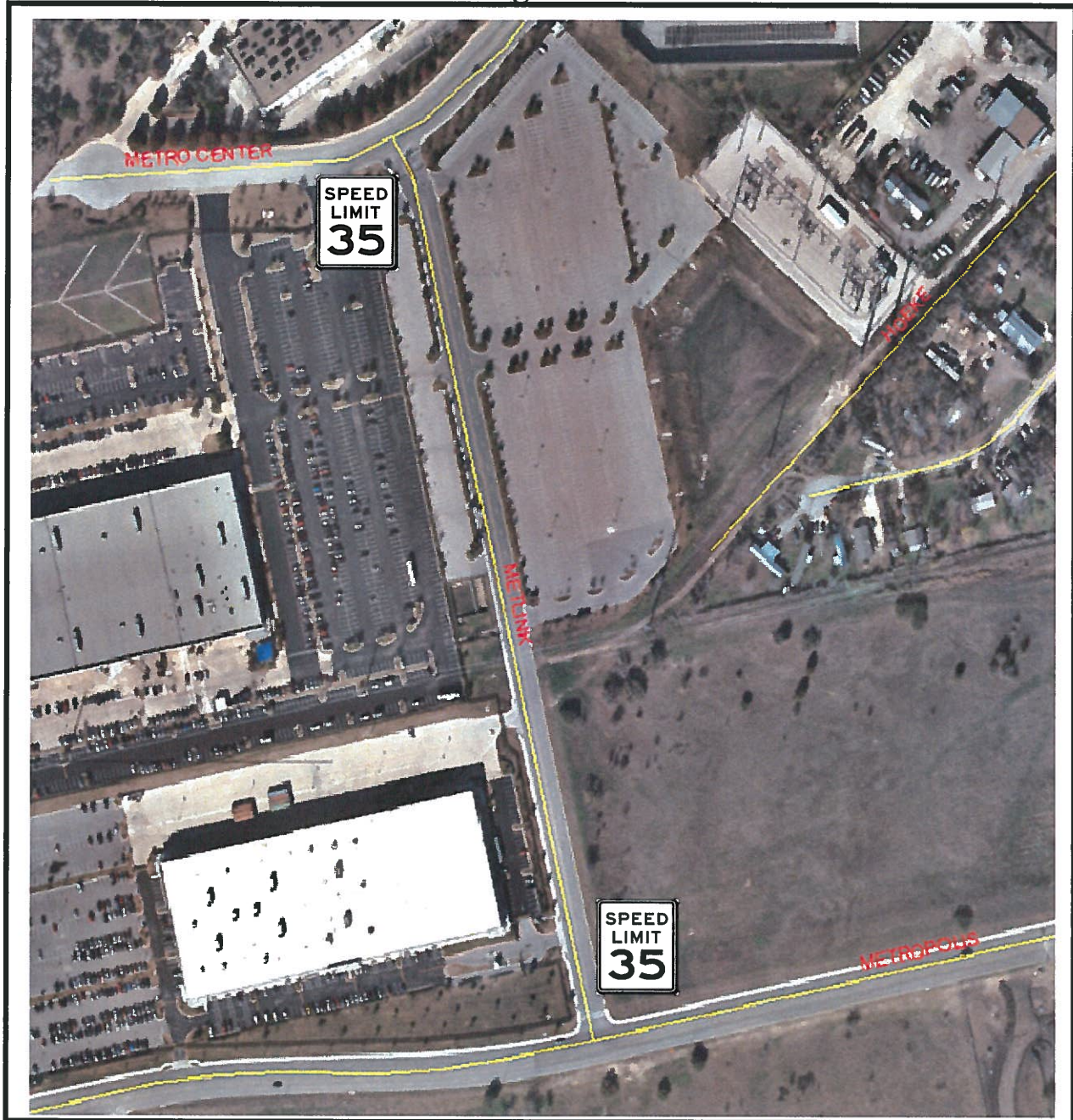
As shown in Table 1, the 85th percentile speed on the northbound and southbound lanes was recorded in the range of 39 mph to 42 mph. The average 85th percentile speeds on Metlink Drive was recorded at 40.5 mph for the northbound and southbound lanes of traffic.

Table 1.

Block Number	Street Segment	Existing Speed Limit	85% Speed		Traffic Volumes
			NB	SB	
3000	From Metro Center Dr. to Metropolis Dr.	None	39	42	2376

Figure 2 presents a map of the study area and the proposed speed limit based on the collected data and analysis.

Figure 2



Austin Transportation Department
Speed Zone Map
Metlink Drive

General Comments:

Metlink Drive provides a uniform design of a four-lane arterial with a double yellow centerline from Metro Center Drive to Metropolis Drive and is approximately 1600 feet long. Adjacent land along Metlink Drive are two large parking lots on both sides of the road to serve a large office complex on the west side. There is currently undeveloped land on the east side of the roadway.

Based on the analysis of this information, it is my engineering judgement that the speed limit on Metlink Drive should be 35 miles per hour from Metro Center Drive to Metropolis Drive.

Respectfully submitted,

 3-10-17

Anna Martin, P.E., PTOE Date
South Austin Engineer
Traffic Engineering Division

AUSTIN TRANSPORTATION DEPARTMENT